

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

2. Authorization for this Examiner's amendment was given in a telephone interview with Applicant's Attorney (Mr. Edouard Garcia, with Reg. No. 38,461), on April 11, 2008, without traverse.

3. **In claim 21**, line 1, after "A" delete [machine], and insert --- **computer** ---.

4. **In claim 22-30**, line 1, after "The" delete [machine], and insert --- **computer** ---.

Reasons for Allowance

5. Applicant's arguments, (pages 10-14), filed on February 27, 2008, with respect to claims 1-30 have been fully considered and are persuasive. The rejection of claims 1-30 has been withdrawn. Therefore claims 1-30 are allowable.

6. The following is an Examiner's statement of reasons for allowance.

The prior art of record fails to teach or suggest, computing a transformation _(H) mapping at least three noncollinear points substantially coplanar on a scene plane in the target image to corresponding points in a reference image of the scene captured at a second image plane different from the first image plane; ascertaining an epipole (e_{REF})

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in the reference image from at least one point in the target image off the scene plane

and at least one corresponding point in the reference image;

determining respective values of a scalar parameter Θ that map blocks of points in the target image to respective matching blocks of points in the reference image in

accordance with a motion model corresponding to $b_{REF} = (H \cdot b_{target}) + \Theta \cdot e_{REF}$, wherein

b_{target} is a vector that represents a point within a respective one of the blocks of the

target image and b_{REF} is a vector that represents a point within a respective one of the

blocks of the reference image; and compressing the target image, wherein the

compressing comprises encoding ones of the blocks of the target image in terms of the

reference image and the respective vectors b_{REF} that are specified by respective ones of

the determined values of the scalar parameter Θ .

in combination into other features and elements of **claims 1, 11, 21**.

7. Claims 1-30 are allowed.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mehdi Rashidian whose telephone number is (571) 272-9763. The examiner can normally be reached on Mon-Thurs 9:00AM to 8:00PM, ET.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samir Ahmed can be reached on (571) 272-7413. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mehdi Rashidian

April-11-2008

/Samir A. Ahmed/

Supervisory Patent Examiner, Art Unit 2624